

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
 Data File : BM018856.D
 Acq On : 19 Feb 2019 14:45
 Operator : JU/SJ
 Sample : K1515-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 19 17:03:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

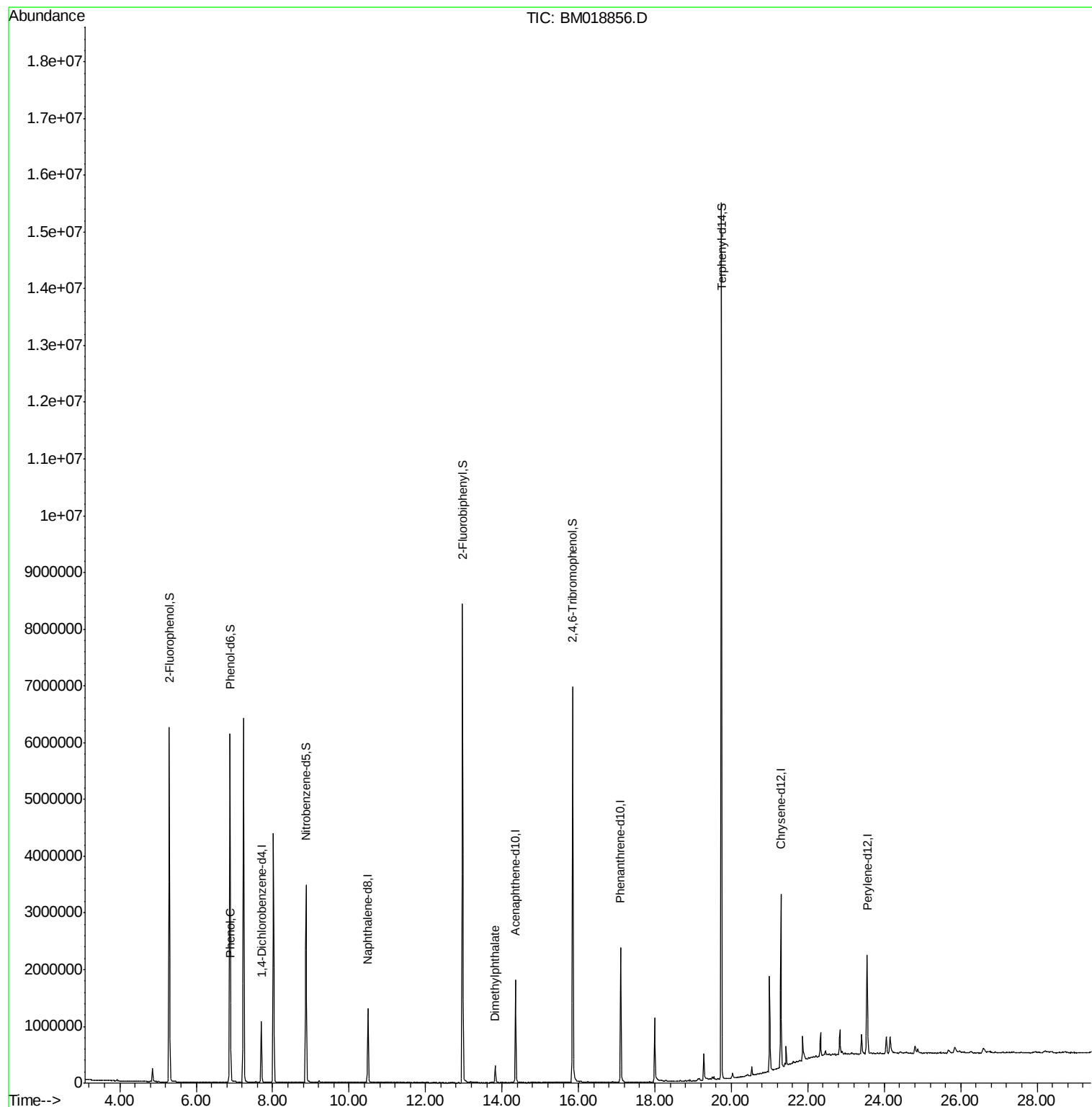
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	268703	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1069784	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	582726	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1318295	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1291024	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1171994	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2448365	149.29	ng	0.00
7) Phenol-d6	6.88	99	3392800	146.86	ng	0.00
23) Nitrobenzene-d5	8.87	82	2208674	95.46	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1204526	143.40	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	4017951	91.53	ng	-0.01
79) Terphenyl-d14	19.74	244	6205271	99.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.89	77	8345	Below Cal		Qvalue # 12
10) Phenol	6.90	94	72477	2.982 ng		78
50) Dimethylphthalate	13.82	163	208648	4.296 ng		99

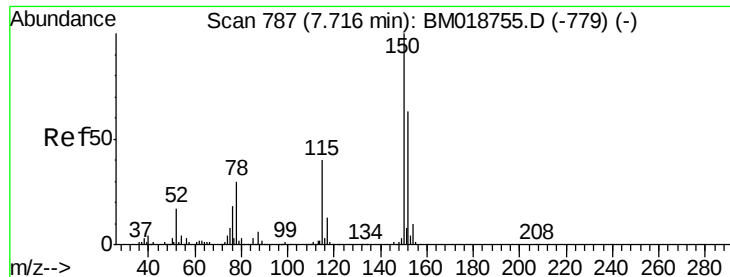
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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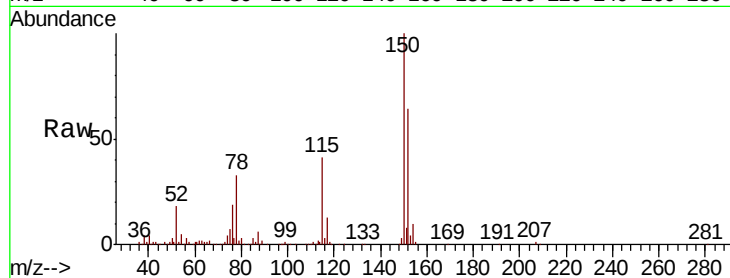


#1

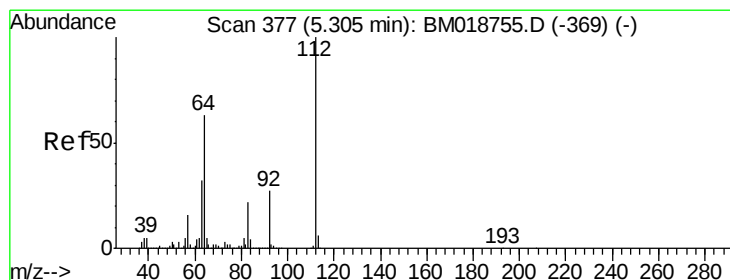
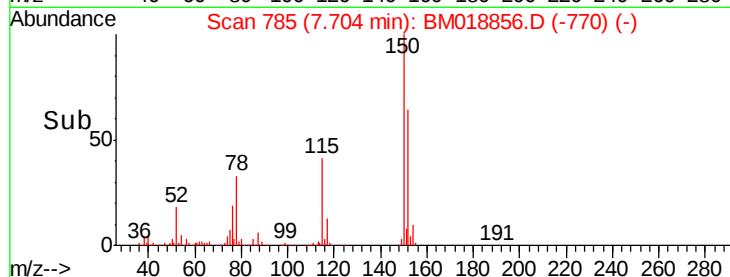
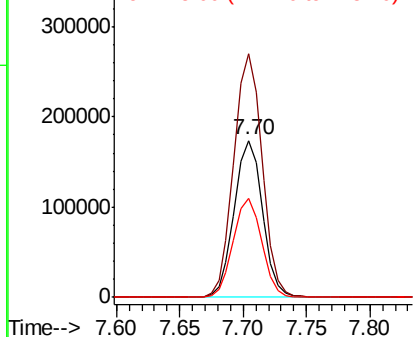
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BM018856.D
 Acq: 19 Feb 2019 14:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.3	190.9
115	63.3	50.8	76.2



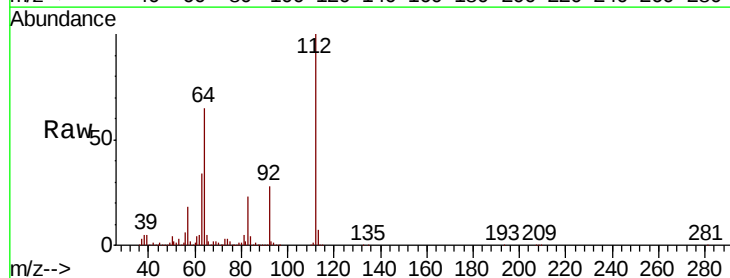
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



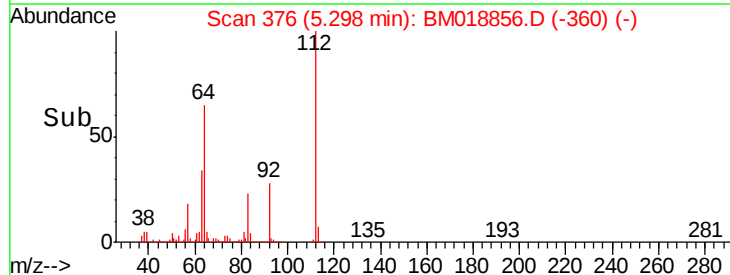
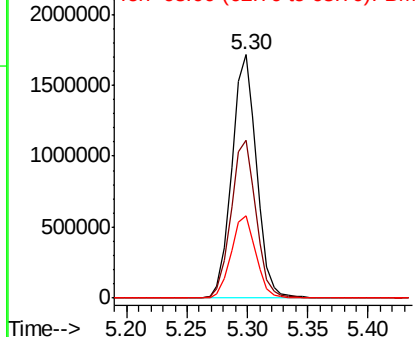
#5

2-Fluorophenol
 Concen: 149.294 ng
 RT: 5.30 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: BM018856.D
 Acq: 19 Feb 2019 14:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	50.6	75.8
63	33.8	25.7	38.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BM0
 Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 146.855 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018856.D

Acq: 19 Feb 2019 14:45

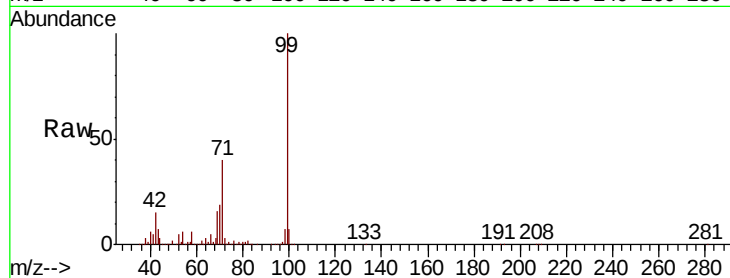
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 3392800

Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.0	16.6
71	40.3	31.3	46.9

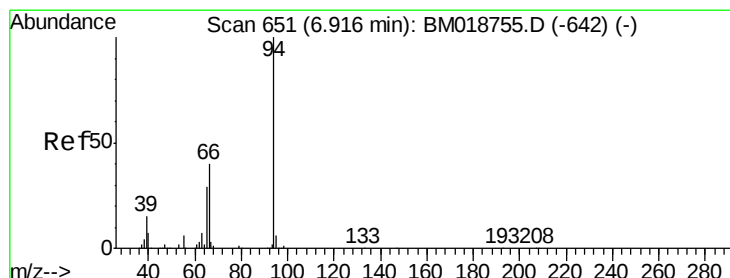
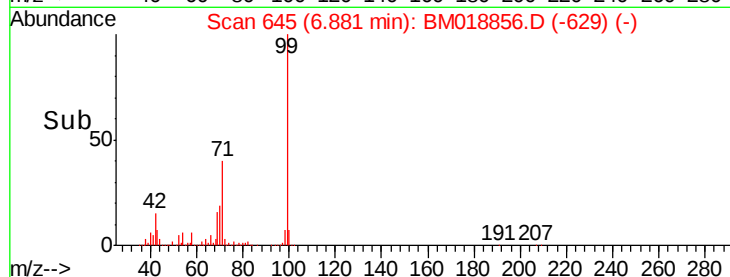
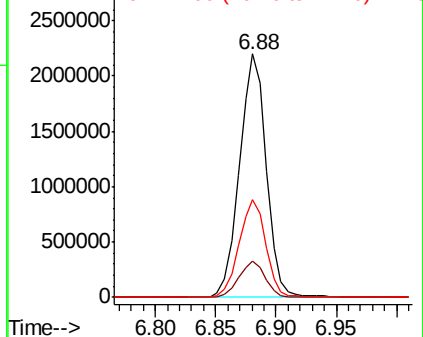


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#10

Phenol

Concen: 2.982 ng

RT: 6.90 min Scan# 649

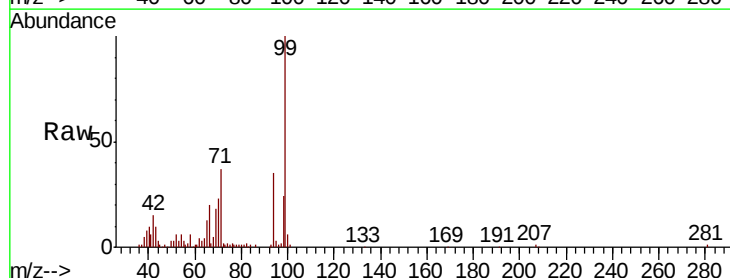
Delta R.T. -0.01 min

Lab File: BM018856.D

Acq: 19 Feb 2019 14:45

Tgt Ion: 94 Resp: 72477

Ion	Ratio	Lower	Upper
94	100		
65	37.3	9.6	49.6
66	57.2	20.4	60.4

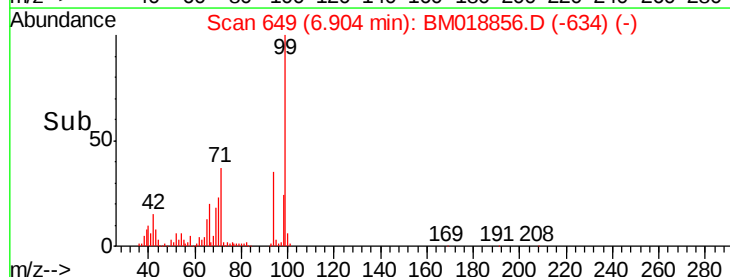
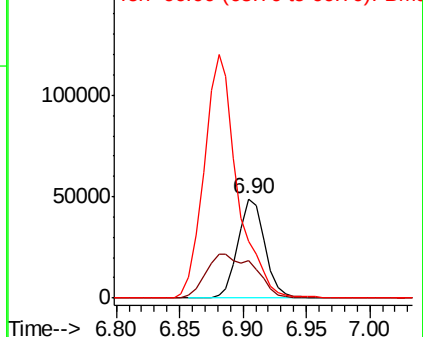


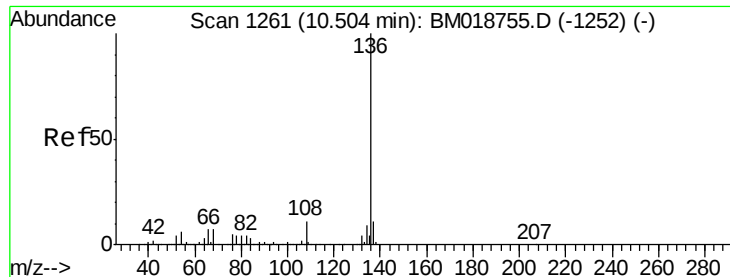
Abundance

Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM018856.D

Acq: 19 Feb 2019 14:45

Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1069784

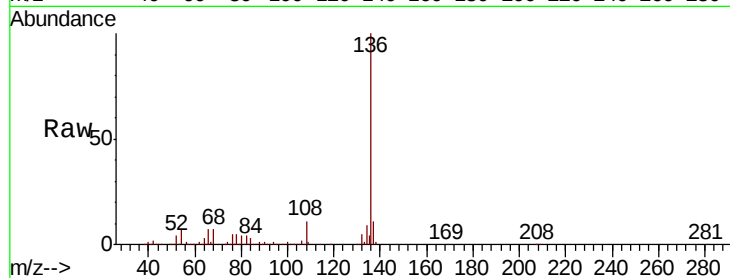
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.8 5.0 7.6

68 7.2 5.5 8.3

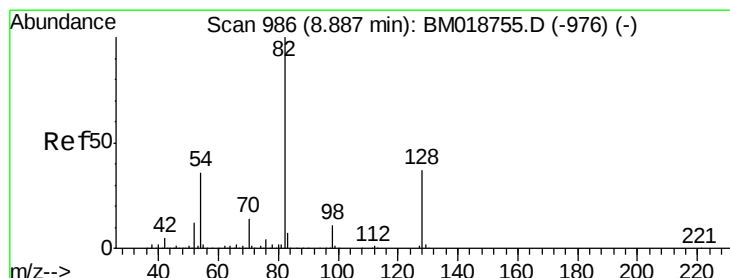
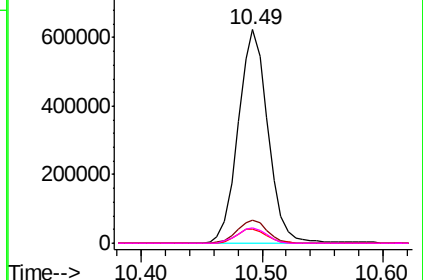
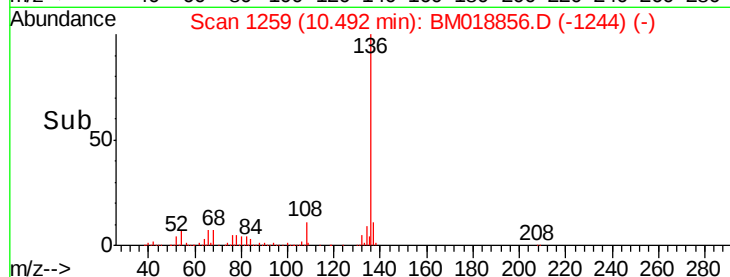


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 95.464 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018856.D

Acq: 19 Feb 2019 14:45

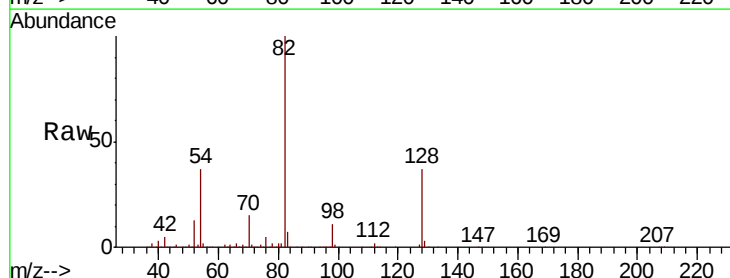
Tgt Ion: 82 Resp: 2208674

Ion Ratio Lower Upper

82 100

128 36.7 29.9 44.9

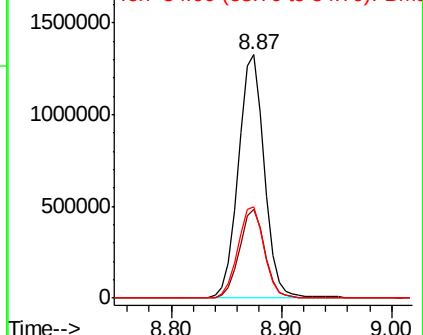
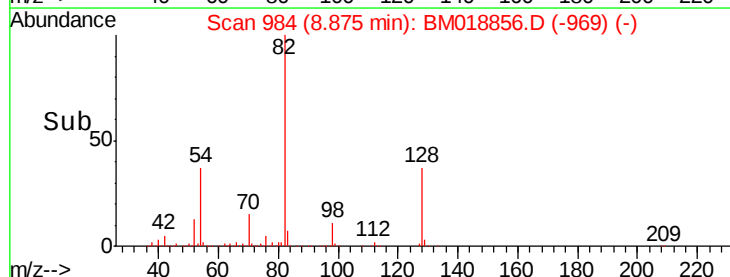
54 37.3 29.1 43.7

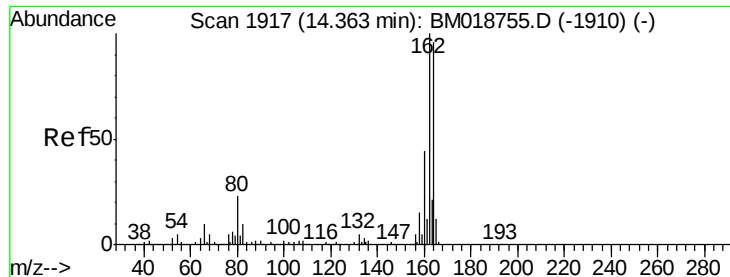


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018856.D

Acq: 19 Feb 2019 14:45

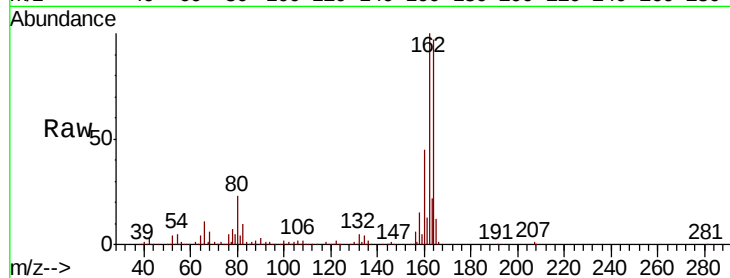
Instrument :

BNA_M

ClientSampled :

Tot Ion:164 Resp: 582726

Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.4	125.0
160	46.5	36.6	55.0



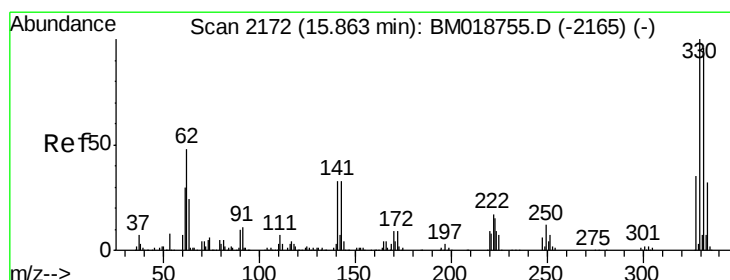
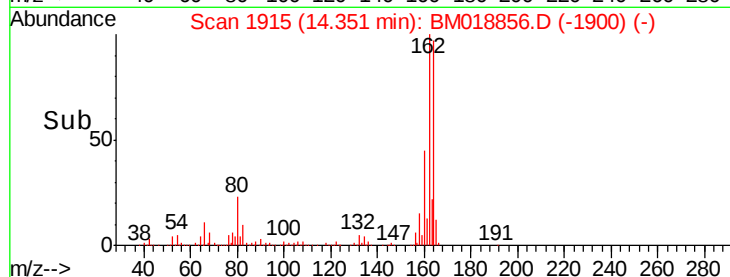
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#42

2,4,6-Tribromophenol

Concen: 143.399 ng

RT: 15.85 min Scan# 2170

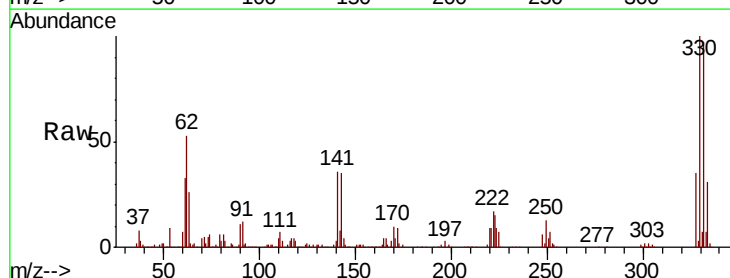
Delta R.T. -0.01 min

Lab File: BM018856.D

Acq: 19 Feb 2019 14:45

Tgt Ion:330 Resp: 1204526

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	37.8	28.7	43.1



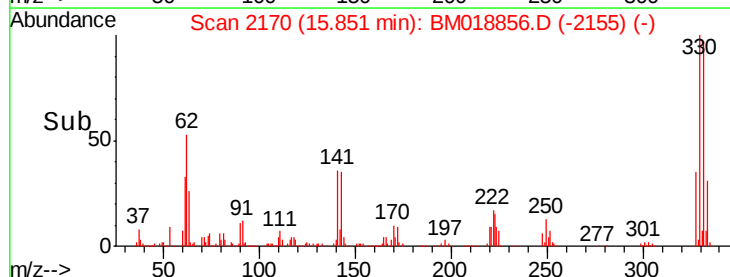
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

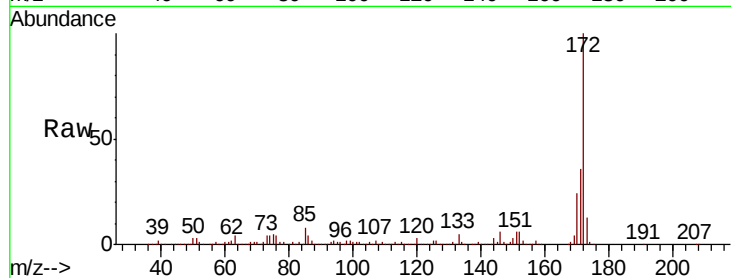




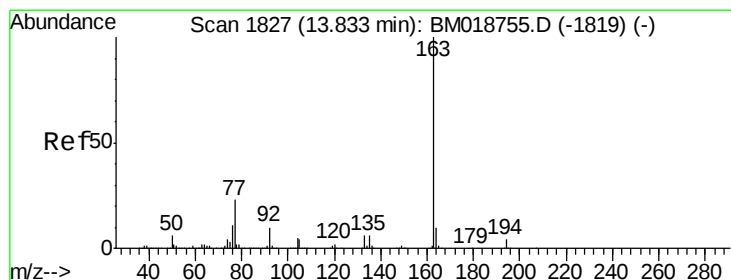
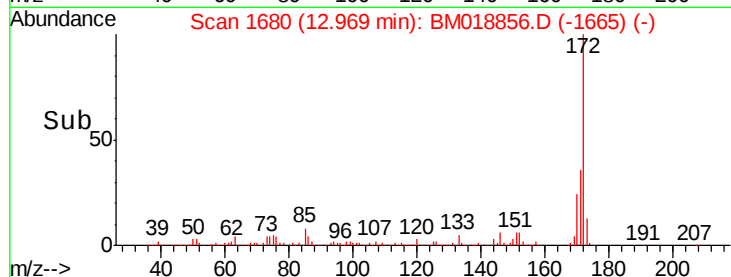
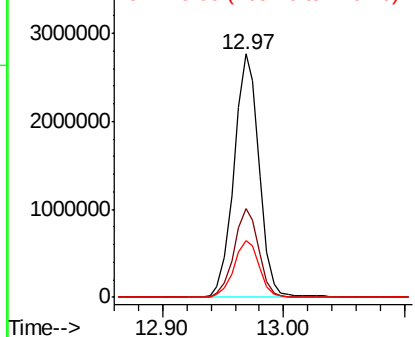
#45
2-Fluorobiphenyl
Concen: 91.531 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018856.D
Acq: 19 Feb 2019 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 4017951
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.5 18.6 28.0

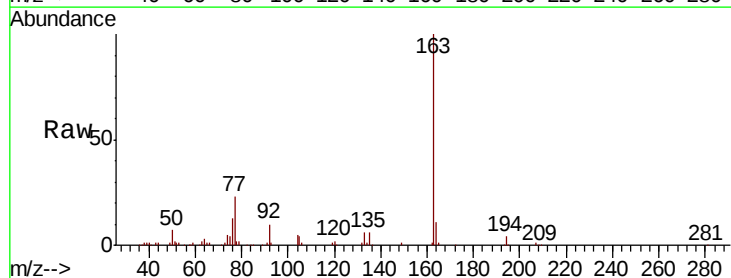


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

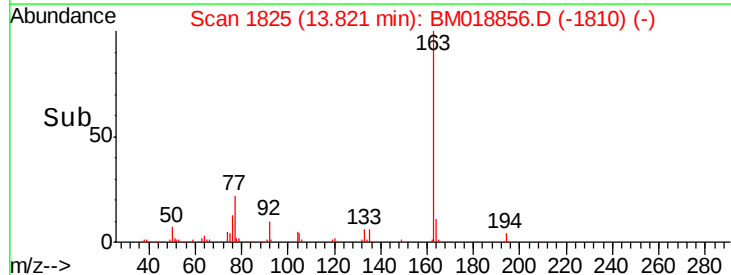
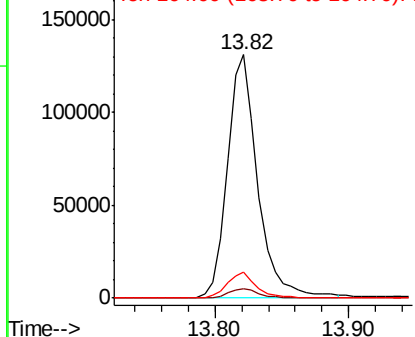


#50
Dimethylphthalate
Concen: 4.296 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018856.D
Acq: 19 Feb 2019 14:45

Tgt Ion:163 Resp: 208648
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

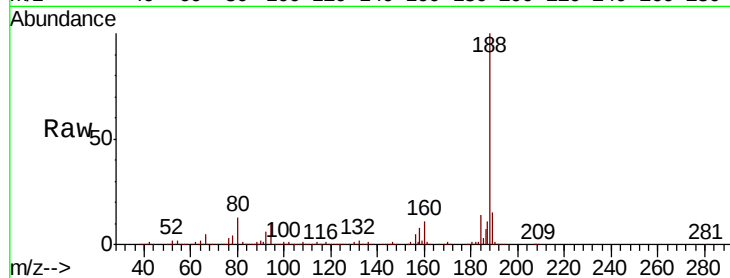




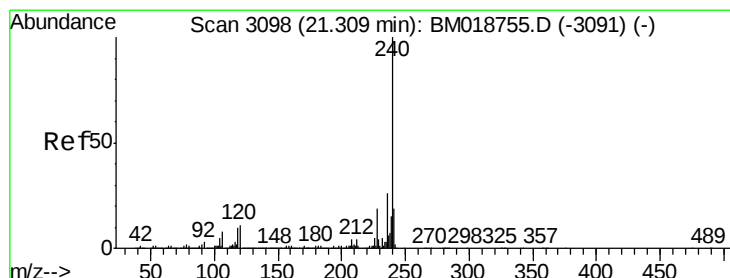
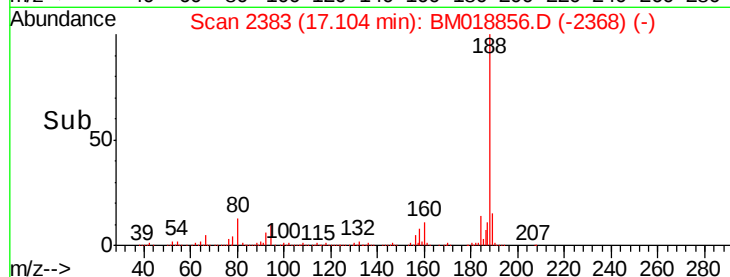
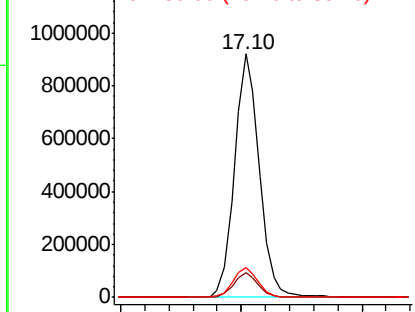
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018856.D
Acq: 19 Feb 2019 14:45

Instrument :
BNA_M
ClientSampleId :

Tot Ion:188 Resp: 1318295
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 12.5 9.7 14.5

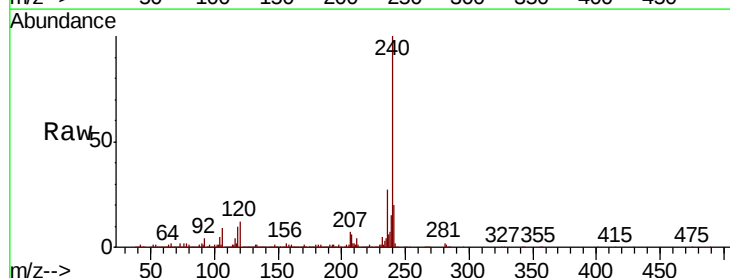


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

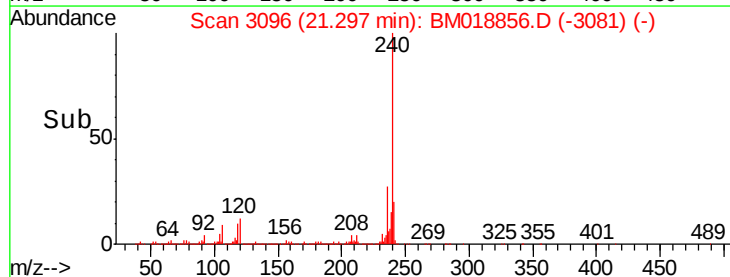
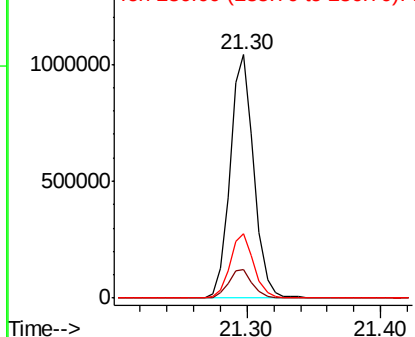


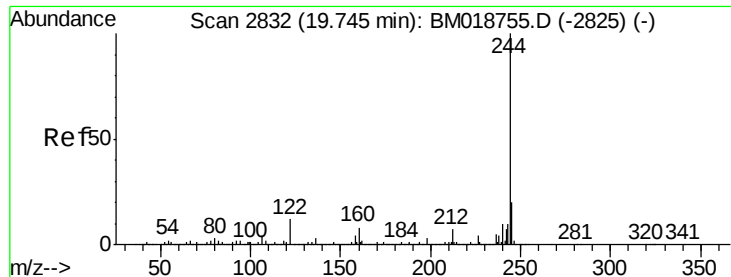
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018856.D
Acq: 19 Feb 2019 14:45

Tgt Ion:240 Resp: 1291024
Ion Ratio Lower Upper
240 100
120 11.7 8.9 13.3
236 26.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

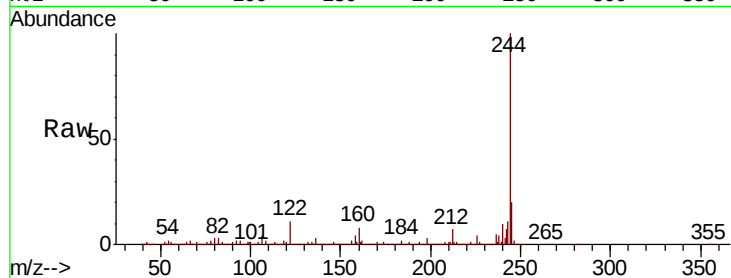




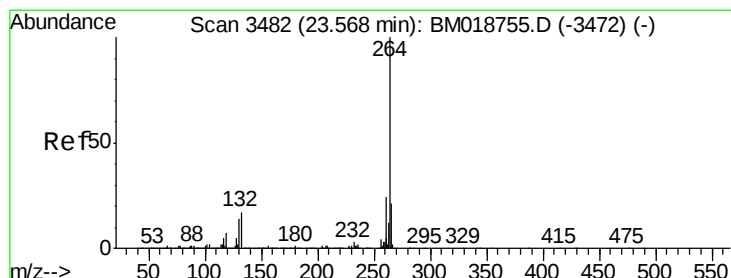
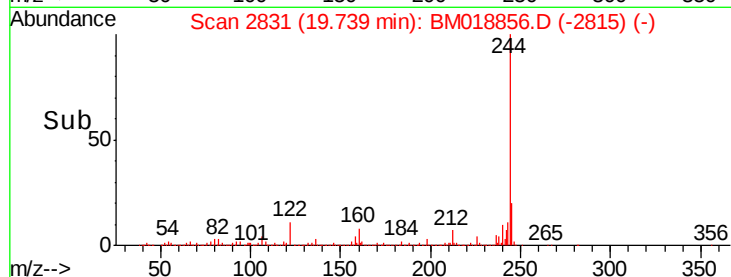
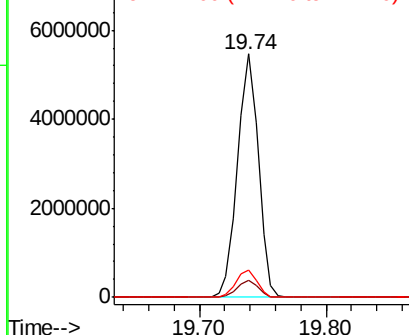
#79
 Terphenyl-d14
 Concen: 99.153 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018856.D
 Acq: 19 Feb 2019 14:45

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 6205271
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.0 9.3 13.9

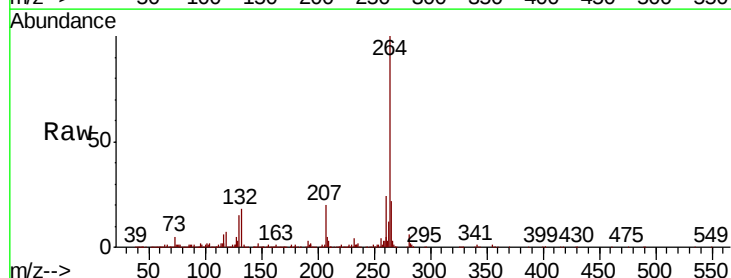


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.55 min Scan# 3479
 Delta R.T. -0.02 min
 Lab File: BM018856.D
 Acq: 19 Feb 2019 14:45

Tgt Ion:264 Resp: 1171994
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 21.9 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

